

## Claims

- [1] A detector for radon measurement, comprising:  
characteristic figure of three components, detecting part, filtering part, and connecting part. The detecting part and the filtering part can be connected without contact each parts directly by the connecting part use.
- [2] The detector of claim 1, wherein the detecting part have a foldable semicircle ring with the hole diameter between 1mm and 4mm on outside, and a set of SSTD-holders between 5mm and 20mm depart from the side of SSTD to the tangent line on inside.
- [3] The detector of claim 1, wherein the filtering part have supporters to sustain a filter on both sides.